

## ABSTRACT OF THE DISCLOSURE

The present invention relates to a selectable multi-performance configuration. Instead of the traditional methods of producing separate high-end and low-end graphics chips, the  
5 present invention produces processing systems in a single unit. The single unit is readily and functionally partitionable. Each partition is capable of independent operation. By using all of the partitions a high-end graphics processing system may be simulated and tested. By using a subset of the partitions, a low-end graphics processing system may be simulated on the same system without the added cost of re-design of either hardware or software.